

DOUBLE PIVOT CONCEALED HINGE
ABSTRACT OF THE DISCLOSURE

A dual pivot hinge for a vehicle door includes a door side hinge support, and a body side hinge support, connected by a hinge arm. The door side hinge support includes a cam surface terminating in a detent. A rocker arm is pivotally mounted to the hinge arm, and includes a roller that is biased against the cam surface of the door side hinge support. A stop link is pivotally mounted between the body side hinge support and the hinge arm. To open the door, the door side hinge support pivots about the hinge arm until the roller of the rocker arm engages the detent. As the door opens further, the hinge arm pivots on the body side hinge support. The stop link prevents the hinge arm from over-rotating, and a roller and torsion rod arrangement prevents the door from inadvertently closing. Closing the door follows the reverse sequence.